

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2000198546 A**

(43) Date of publication of application: **18.07.00**

(51) Int. Cl.

B65G 63/00
B65G 1/00

(21) Application number: **11000335**

(22) Date of filing: **05.01.99**

(71) Applicant: **ISHIKAWAJIMA HARIMA HEAVY
IND CO LTD**

(72) Inventor: **KAWASE AKIRA
KONDO HIROO**

(54) CONTAINER TERMINAL

(57) Abstract:

PROBLEM TO BE SOLVED: To improve cargo handling efficiency in container terminals.

SOLUTION: This container terminal comprises multistory container cabinets provided with container shelves 2 in stages and in lines and arranged in pairs of two lines defining a container movement passage in between, automatic stacking cranes 3 for storing containers 13 on the container shelves 2 while moving along the passages, a sea-side traverser rail 15 (15a, 15b) laid to connect the sea-side face and interior of the cabinets, a land-side traverser rail 16 arranged to connect the land-side face and interior of the cabinets, and traversers 4 (4a to 4e) movable on the rails 15 and 16 while carrying the containers 13. The container movement passages extend in lines between the sea-side and land-side cabinets. That portion of the sea-side and land-side transverse rails 15 and 16 which lies inside each cabinet is perpendicular to the passage. The sea-side traverser rail 15 is for both upper and lower

portions of each cabinet, and the land-side traverser rail 16 is for the lower portion of each cabinet.

COPYRIGHT: (C)2000,JPO

